

REMARKS

Claims 1-108 are now pending in the application. Claims 1, 14, 27, 37, 48, 59, 63, 65, 70, 78, 91, and 100 have been amended. Minor amendments have been made to the claims to simply overcome the rejections of the claims under 35 U.S.C. § 112. Support for the amendments can be found throughout the written description, claims, and drawings as originally filed. Therefore, no new matter has been added. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

INTERVIEW SUMMARY

Applicant thanks the Examiner for courtesy extended during the telephone interview of September 29, 2009. No exhibit was shown or demonstration conducted. The pending rejections and prior art references mentioned below were generally discussed. Agreement was reached that, subject to further search and consideration, the above claim amendments define over the art of record.

REJECTION UNDER 35 U.S.C. § 112

Claims 1-108 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point and distinctly claim the subject matter that Applicant regards as the invention. This rejection is respectfully traversed.

In response to the rejection, claims 1, 14, 27, 37, 48, 59, 65, 78, 91, and 100 have been amended to recite "individual waveforms" instead of "individual frequencies."

During the Interview of September 29, 2009 the Examiner agreed that the amendment overcomes the rejection under 35 U.S.C. § 112, second paragraph.

REJECTION UNDER 35 U.S.C. § 103

Claims 1-3, 5, 8-16, 18, 21-31, 33, 36-38, 40, 42-49, 51, 53-60, 62, 64-67, 69, 72-80, 82 and 85-90 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Pat. No. 6,717,997 ("Cranford") in view of U.S. Pub. No. 2003/0006581 ("Wood"). This rejection is respectfully traversed.

Claim 1 recites an information communication system comprising a plurality of information communication devices. Each of the plurality of information communication devices is responsive to a respective information communication clock signal. Each information communication clock signal of each of the plurality of information communication devices is associated with a common reference clock signal. The information communication system also comprises a phase controller.

The phase controller is responsive to the common reference clock signal. The phase controller alters a phase of each information communication clock signal of each of the plurality

of information communication devices by a predetermined amount to at least double a combined amplitude of individual waveforms of output current events of the plurality of information communication devices.

Amendments to claim 1 are fully supported by the Application as filed, and namely FIG. 5A and the related Detailed Description. Therefore, no new matter has been added.

A. Cranford and Wood do not show, teach, or suggest a phase controller to alter a phase of each information communication clock signal of each of the plurality of information communication devices by a predetermined amount to at least double a combined amplitude of individual waveforms of output current events of the plurality of information communication devices.

During the Interview of September 29, 2009 the Examiner agreed that the amendments to the claims distinguish the claims over the cited prior art. Namely, the cited prior art does not disclose "to at least double a combined amplitude of individual waveforms of output current events of the plurality of information communication devices", as claim 1 recites.

Instead, as best understood, Cranford discloses progressively delaying phases of a clock signal to progressively delay when PHYs are driven (see FIG. 5 and Column 6, Lines 64-67 to Column 7, Lines 1-16 of Cranford). Further, as best understood, Wood provides output waveforms that are offset by a

certain amount (see Paragraph [0075] of Wood). Unlike claim 1, Cranford and Wood alone or in combination do not at least double a combined amplitude of individual waveforms of output current events, as claim 1 recites. Instead, Cranford simply delays subsequent signal phases; and Wood simply offsets signals.

Claim 1 is allowable for at least these reasons.

B. Other Claims

Independent claims 14, 27, 37, 48, 59, 65, 78, 91, and 100 are allowable for at least similar reasons as claim 1.

C. Dependent Claims

Applicant respectfully notes that claims 2-13, 15-26, 28-36, 38-47, 49-58, 60-64, 66-77, 79-90, 92-99, and 101-108 ultimately depend directly or indirectly from claims 1, 14, 27, 37, 48, 59, 65, 78, 91, and 100 and are therefore allowable for at least similar reasons as claim 1. Applicant's position with respect to claims 2-13, 15-26, 28-36, 38-47, 49-58, 60-64, 66-77, 79-90, 92-99, and 101-108 should not be understood as implying that no other reasons for the patentability of claims 2-13, 15-26, 28-36, 38-47, 49-58, 60-64, 66-77, 79-90, 92-99, and 101-108 exist. Applicant reserves the right to address these other reasons at a later date if needed.

D. Other Rejections

Claims 91-93, 96-102 and 105-108 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Cranford in view of U.S. Pat. No. 2003/0197498 ("Watannabe") and Wood. Claims 4, 17, 32, 39, 50, 61, 68 and 81 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Cranford in view of Wood and further in view of Watannabe. Claims 7, 20, 34, 71, 84 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Cranford in view of Wood and further in view of U.S. Pat. No. 5,610,911 ("Ishikawa"). Claims 6, 19, 35, 41, 52, 63, 70 and 83 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Pat. No. Cranford in view of Wood and further in view of EP Patent Application EP 0 903 660 A1 ("Graef"). Claims 95 and 104 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Cranford in view of Watannabe and Wood and further in view of Ishikawa. Claims 94 and 103 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Cranford in view of Watannabe and Wood and further in view of Graef.

These rejections are respectfully traversed.

Watannabe, Ishikawa and Graef do not remedy the deficiencies of Cranford and Wood with respect to claims 1, 14, 27, 37, 48, 59, 65, 78, 91, and 100. As mentioned, claims 4, 6-7, 17, 19-20, 32, 34-35, 39, 41, 50, 52, 61, 63, 68, 70, 81, 83-84 and 91-108 ultimately depend from claims 1, 14, 27, 37, 48,

59, 65, 78, 91, and 100 and are therefore in condition for allowance for at least similar reasons.

Applicant's position with respect to claims 4, 6-7, 17, 19-20, 32, 34-35, 39, 41, 50, 52, 61, 63, 68, 70, 81, 83-84 and 91-108 should not be understood as implying that no other reasons for the patentability of claims 4, 6-7, 17, 19-20, 32, 34-35, 39, 41, 50, 52, 61, 63, 68, 70, 81, 83-84 and 91-108 exist. Applicant reserves the right to address these other reasons at a later date if needed.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly addressed. For all of the reasons set forth above, Applicant submits that the application is in condition for allowance. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. By addressing particular positions taken by the Examiner in the above remarks, Applicant does not acquiesce to other positions that have not been explicitly addressed. In addition, Applicant's arguments for the patentability of a claim should not be understood as implying that no other reasons for the patentability of that claim exist.

If the Examiner believes that personal communication will allow any outstanding issues to be resolved, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

Dated:

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